



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090519-A

Mode: Highway

Status: Submitted

(New Route - Northwest Loop)

From/Cross Street: US 258/NC 24

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: SR 1308 (Gum Branch Road)

Project Category: Division Needs

Length: 3.69

TIP#: U-5106A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$81,530,000

Description:

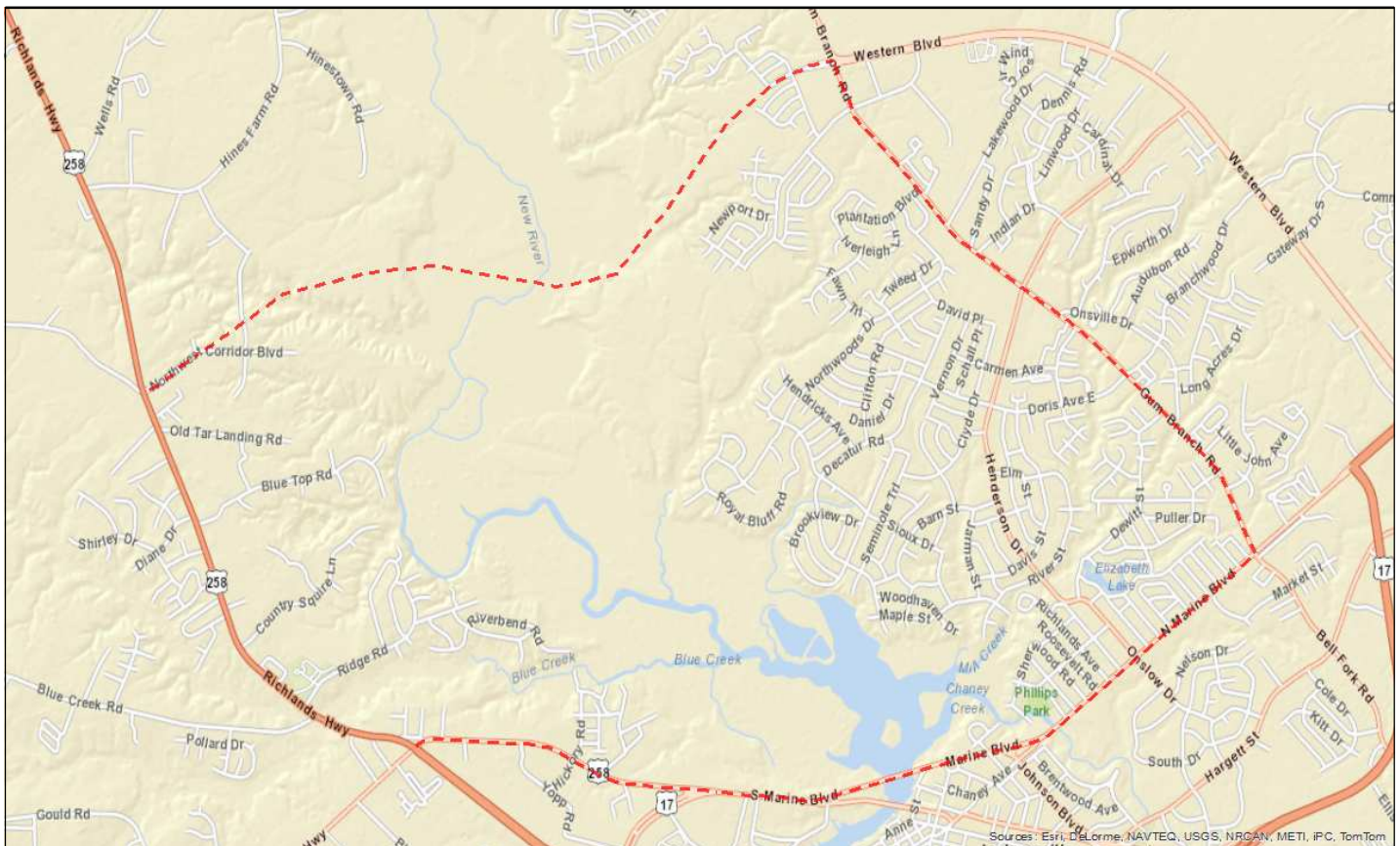
US 258/NC 24 to US 17. Four-Lane Divided Facility, Part on New Location and Along Existing Roadway. Section A: US 258-NC 24 to SR 1308 (Gum Branch Road).

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 56.80 Safety (20%) 78.05 Multimodal + [Freight & Military] (10%) 6.15 Totals: Weight: 50% Weighted Score: 27.58	Percent: 25% Points:	Percent: 25% Points:

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	9.3
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	24773
Capacity:	31700
Volume/Capacity Ratio:	0.78
% Autos:	95%
% Trucks:	5%
Truck Volume:	1229.73
Crash Density:	81.07
Crash Severity:	71.49
Critical Crash Rate:	81.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	71
Actual Congested Speed:	33.56
Travel Time Index:	1.34

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.69
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	49744321.08
Travel Time Savings for 30 Years (Autos):	47275012.98
Travel Time Savings for 30 Years (Trucks):	2469308.1
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$80,598,000	TIP Unit
Right-of-Way Cost:	\$832,000	Cost Estimation Tool
Utilities Cost:	\$100,000	Cost Estimation Tool
Total Project Cost:	\$81,530,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$81,530,000	